

STATE PROCUREMENT OFFICE

SPO Price List No. 96-39 (All Islands)

MAINTENANCE OF IBM MAINFRAME-RELATED EQUIPMENT STATEWIDE (All Islands) (IFB-96-095-OHMKL)

January 1, 1996 to December 31, 1997

PURCHASE ORDERS shall be placed with the following vendor:

<u>VENDOR</u>	<u>VENDOR CODE</u>	<u>CONTACT/PHONE NO.</u>
INTERNATIONAL BUSINESS MACHINES CORPORATION 1240 Ala Moana Boulevard Honolulu, HI 96814-4298	30786-04	(808) 597-9439 Mr. Eric Yamanaka

UNIT PRICES

Unit Prices shown in this price list are based on delivery of services to designated agencies statewide and include all applicable costs and taxes except the 4% Hawaii General Excise Tax. Agencies are requested to add the 4% amount to their purchase order total. Vendors are aware that the tax to be charged shall not exceed the 4% rate (rounded to the nearest cent).

"SPO PL NO. 96-39" should be noted on purchase orders issued against this price list.

PURCHASE ORDERS

Purchase orders should be mailed to the VENDOR at the address listed. Payment should be made per the vendor code provided.

Agencies may order and pay for maintenance services on a monthly basis, or may order and prepay monthly services in any amount not to exceed the total number of months remaining on the contract multiplied by the total unit Monthly Price for all items agency lists on the Purchase Order form.

EXCEPTION TO PRICE LIST

Pursuant to Section 3-121-6 HAR, it is mandatory that all agencies of the Executive Branch purchase from price lists issued by the State Procurement Office. Further, the Chief Procurement Officer for the Judiciary Branch has agreed and committed to the terms of this price list. However, if the service level of maintenance provided herein is not suited to an agency's purpose, exception to purchase outside of the price list may be granted to such agency by the Chief Procurement Officer. To obtain an exception, agencies must submit SPO Form 5, Request for Authorization to Purchase Outside of the State Procurement Office Price List, justifying the exception.

PROVISION OF MAINTENANCE SERVICE

SPO Price List No. 96-39
1/1/96 to 12/31/97

The State reserves the right to provide maintenance service for any equipment through ICSD's self-maintenance program for end-user equipment, or any other self-maintenance program. The State reserves the right to provide no maintenance coverage for equipment.

The State may withdraw equipment from maintenance coverage provided under this contract upon thirty (30) days written notice to the contractor. The contractor shall immediately refund any prepaid maintenance fees to the applicable State agency. Upon withdrawal of maintenance for any equipment under this contract, all such equipment shall meet manufacturer's minimum requirements for maintenance acceptability at no additional cost to the State. All costs for certification will be borne by the contractor.

GENERAL INFORMATION

Contractor shall furnish all labor, tools, equipment, parts, transportation, and supervision required for *preventive* and *on-call remedial* maintenance services described herein. Contractor shall maintain all equipment in accordance with manufacturer's guidelines, instructions, manuals, standards, and procedures.

The State may select periods of maintenance service for different equipment depending on individual agency needs:

1. **Base Period Maintenance Service:** 7:30 AM to 4:30 PM, Monday through Friday, except State-observed holidays. **Maintenance service that is performed outside of these days and times will be considered as *Out-of-Scope* maintenance service and Out-of-Scope maintenance service charges will apply (see Out-of-Scope Maintenance Service Charges section of this price list).**
2. **24 x 7 Maintenance Service:** twenty-four (24) hours a day, seven (7) days a week, including State-observed holidays.

MAINTENANCE SERVICE REQUIREMENTS

Maintenance service shall consist of on-site *preventive maintenance* and *on-call remedial maintenance*. All maintenance service must be prompt and effective, and must be performed by engineers trained, experienced, and qualified to work on IBM Corporation manufactured equipment.

The Contractor shall perform maintenance service that will keep the equipment in optimum operating condition and make repairs that will restore the equipment to working order. **All maintenance and repairs shall be in accordance with manufacturer's guidelines, instructions, manuals, standards, and procedures.** The Contractor will test and repair equipment at the State's installation site. Preventive maintenance shall be based on the specific needs of individual equipment and shall also include on-call remedial maintenance. Contractor shall furnish all labor, tools, equipment, parts, transportation and supervision required for maintenance service of equipment. Maintenance shall include lubrication, adjustments, and replacement of worn or malfunctioning parts, all as deemed necessary in accordance with manufacturer's guidelines, instructions, manuals, standards, and procedures.

Maintenance parts shall be only original manufacturer's parts, either new or equivalent to new in performance and function.

Maintenance Reports

The Contractor shall furnish a *maintenance report* to the supervisor at the equipment installation site upon completion of each maintenance call. The report shall include the following:

1. Date and time Contractor was notified
2. Date and time of Contractor's personnel arrival
3. Type and model number(s) of equipment
4. Time spent for repair
5. Description of malfunction
6. List of parts replaced
7. Additional charges, if applicable (Contractor shall seek approval of the State agency personnel before commencing any work which will include an additional charge)
8. Date and time of turnover to State and signature of person accepting service performance for State
9. Signature of person performing repair/maintenance.

Hardware Service Reports

The Contractor shall furnish *hardware service reports* by site or account which show:

1. Downtime of equipment (due to preventive and/or on-call remedial maintenance) by equipment type
2. Problem trends by equipment type for the most recent six (6) months
3. Contractor response and repair times by equipment.

Safeguard Data

Due to the confidential and critical nature of much of the State's data, Contractor shall ensure appropriate safeguards are taken to protect the confidentiality of the State's data.

OUT-OF-SCOPE MAINTENANCE SERVICE CHARGES

Maintenance service described herein that is performed outside of the Base maintenance service period shall be considered Out-of-Scope maintenance service and shall be performed at the hourly cost listed in the price schedule attached. Out-of-Scope maintenance service charges shall not apply to 24 x 7 maintenance service.

ADDITIONAL CHARGES

There shall be no additional maintenance charges for the following:

1. Preventive maintenance during principal period of maintenance contract.
2. Time spent by maintenance personnel at the site awaiting the arrival of parts, etc.
3. Remedial maintenance occasioned by the recurrence of the same malfunction repaired in the preceding forty-eight (48) hour period.

RESPONSE AND REPAIR TIME

Telephone acknowledgment of all requests for service shall be made within twenty (20) minutes from the time the service request is made. On-site response time shall be as follows:

1. Base Maintenance Service
 - a. Oahu, Hawaii, Maui, and Kauai: Four (4) hour on-site response time for service calls placed by 12:00 noon. For calls placed after 12:00 noon, on-site response time shall be 10:00 am the next working day after service call is placed.
 - b. Molokai and Lanai: On-site response time shall be the next working day after service call is placed.
2. 24 x 7 Maintenance Service
 - a. Oahu, Hawaii, Maui, and Kauai: Two (2) hour on-site response time after service call is placed.
 - b. Molokai and Lanai: Four (4) hour on-site response time for service calls placed by 12:00 noon. For calls placed after 12:00 noon, on-site response time shall be 10:00 am the next working day after service call is placed.

Repair must be made within twelve (12) hours from time of on-site arrival or after ordered parts are received.

PARTS NON-AVAILABILITY

In the event that a failing component, assembly, or part is not available from the local parts inventory, the Contractor will be required to ship the replacement component or part to Hawaii and deliver it to the State's site within twenty-four (24) hours after identification for replacement. In the event that equipment is inoperative, or Contractor estimates equipment to be inoperative, for more than twenty-four (24) hours due to equipment failure, the Contractor shall take one or more of the following actions at no additional cost to the State and subject to the State's approval:

1. Provide backup equipment

2. Provide on-site personnel for thorough analysis of the problem
3. Provide replacement for the failing equipment

When the system is operational but not fully functional, replacement of the failing component, assembly, or part must be at the State's site within twenty-four (24) hours of identifying the need for replacement or repair.

The State will be the sole judge in determining if the system is not operational, or is operational but not fully functional. In all cases, Contractor shall provide equipment in the manner described herein.

ENGINEERING CHANGES

From time to time, IBM makes technical equipment improvements to existing installed and operational IBM equipment at the State. These are accomplished through field engineering changes. These engineering changes are not only desirable but shall be critical when they are prerequisites to the addition of features to the IBM equipment and when they are required to be consistent with the equipment configuration and microcode levels. Therefore, the Contractor must track the requirement for and the installation activity of these engineering changes on each model type of IBM equipment. Services to perform engineering changes, including parts, labor, equipment, transportation, other related items, etc., shall be furnished by the Contractor. Prices listed herein shall include the cost to provide the engineering changes work required.

All manufacturer sponsored engineering changes to IBM equipment shall be accomplished by the Contractor and shall require State's approval prior to commencement of work. Engineering changes shall be approved on a case-by-case basis for each piece of equipment covered under this maintenance contract.

The Contractor shall notify the State of any engineering changes within 30 days of manufacturer's release date. Such engineering changes shall be completed within 60 days after State's approval to implement the change.

HIERARCHY OF SUPPORT FOR ON-SITE REPAIR

When equipment fails or becomes inoperative, maintenance service will be provided as follows: After Contractor's initial service personnel arrive at the State's installation site to respond to a remedial maintenance call and the equipment malfunction has not been diagnosed and repair initiated within two (2) hours of the time of arrival of the service personnel, the Contractor will dispatch for second level technical support. In the event that four (4) additional hours elapse from the time of response at the second level of technical support and the equipment malfunction has not been diagnosed and repair initiated the Contractor will dispatch for third level technical support.

RE-EXECUTION OF WORK

Contractor shall re-execute any work that fails to conform to the requirements of this contract and shall immediately remedy any defects due to faulty workmanship by the Contractor.

INCORRECT DIAGNOSIS

In the event an equipment malfunction occurs and the Contractor's maintenance personnel determine that it is not an equipment problem and another vendor's maintenance personnel are called, and if the

final determination is that the malfunction was, in fact, in or caused by the equipment, then the Contractor will provide a written report to the State outlining the circumstances of the incorrect diagnosis. Contractor shall reimburse the State for any additional maintenance service expenses incurred as a result of the incorrect diagnosis.

REMEDIES

If Contractor is unable to restore failing equipment, or equipment's replacement, to good working order (as specified by the manufacturer) within three (3) efforts within a seven (7) day period, the State may recover liquidated damages as specified herein.

LIQUIDATED DAMAGES

For Base Period Maintenance Service, liquidated damages are fixed at the sum of TWO HUNDRED DOLLARS (\$200.00) for each and every work day the Contractor delays in the completion of any item of its contract after the required date of said completion.

For 24 x 7 Maintenance Service, liquidated damages are fixed at the sum of FOUR HUNDRED DOLLARS (\$400.00) for each and every work day the Contractor delays in the completion of any item of its contract after the required date of said completion.

EQUIPMENT INVENTORY

Agencies will inventory and compile a register of all equipment to be maintained. Such register of equipment shall be used in preparing the initial purchase order when agencies elect to receive maintenance service.

WORK EXCLUDED FROM THIS CONTRACT

The following work and/or services are excluded from this contract and shall not be provided by the contractor as part of the maintenance service requirements:

1. Furnishing supplies, painting or refinishing the equipment, and providing material thereof.
2. Electrical work external to the equipment or installation, maintenance or removal of alterations, attachments or other devices not furnished or recommended by the manufacturer or Contractor.
3. Repair of equipment including replacement of damaged components, assemblies, and/or parts, when damage is due to accidents caused by misuse, neglect or malicious intent; disasters such as flooding, earthquake, and other acts of God; and other damages resulting from shipment/transportation of equipment, components, assemblies, and/or parts, where the carrier or supplier is determined to be responsible for repair of damages.
4. Service to equipment not listed herein and accessories/attachments not supported by IBM.
5. Rearrangement or relocation of equipment.
6. Such service which is impractical for the Contractor to render because of alterations in or attachments to the equipment.

PAYMENT

Section 103-10, HRS, provides that the State shall have thirty (30) calendar days after receipt of invoice or satisfactory completion of contract to make payment. The State will not recognize any requirement established by the Contractor and communicated to the State after award of the contract which requires payment within a shorter period or interest payment not in conformance with statute.

MAINTENANCE SERVICE CALLS

Maintenance service calls should be made to the vendor at 1-800-IBM-SERV (1-800-426-7378).

INQUIRIES

Questions may be directed to Mr. Grant Turner of the State Procurement Office at telephone (808) 586-0565.

ROBERT J. GOVERNS, CPPB
Procurement Officer

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
1.	0029-A22		
	CARD PUNCH	11.32	12.11
2.	0029-C22		
	CARD PUNCH	11.32	12.11
3.	0129-003		
	CARD DATA RECORDER	14.33	15.33
4.	1416-001		
	INTERCHANGE TRAIN CARTRIDGE FOR 1403 PRINTER	303.00	303.00
5.	2440-A1Z		
	MAGNETIC TAPE SUBSYSTEM	248.04	248.04
6.	3088-001		
	MULTISYSTEM CHANNEL COMMUNICATION UNIT	97.83	104.66
7.	3088-0A1		
	MULTISYSTEM CHANNEL COMMUNICATION UNIT	78.81	84.31
8.	3090-20E		
	3090 PROCESSOR MAIN FRAME UNIT	4,577.36	4,896.71
9.	3092-001		
	PROCESSOR CONTROLLER	846.37	905.42
10.	3092-005		
	PROCESSOR CONTROLLER	1,037.93	1,110.35
11.	3097-001		
	COOLANT DISTRIBUTION UNIT	165.09	176.61
12.	3151-110		
	ASCII DISPLAY STATION	2.80	2.97
13.	3151-310		
	ASCII DISPLAY STATION	1.95	2.07

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
14.	3174-01L		
	SUBSYSTEM CONTROL UNIT	12.47	13.34
15.	3174-01R		
	SUBSYSTEM CONTROL UNIT	11.35	12.14
16.	3174-11L		
	SUBSYSTEM CONTROL UNIT	12.47	13.34
17.	3174-11R		
	SUBSYSTEM CONTROL UNIT	11.35	12.14
18.	3174-21L		
	SUBSYSTEM CONTROL UNIT	12.47	13.34
19.	3174-51R		
	SUBSYSTEM CONTROL UNIT	9.68	10.35
20.	3174-61R		
	SUBSYSTEM CONTROL UNIT	9.68	10.35
21.	3174-81R		
	SUBSYSTEM CONTROL UNIT	7.96	8.51
22.	3174-91R		
	SUBSYSTEM CONTROL UNIT	7.96	8.51
23.	3178-C20		
	MONOCHROME DISPLAY STATION	6.50	6.89
24.	3178-C40		
	MONOCHROME DISPLAY STATION	6.50	6.89
25.	3179-100		
	COLOR DISPLAY STATION	7.50	7.95
26.	3180-110		
	MONOCHROME DISPLAY STATION	11.00	11.66

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
27.	3180-145		
	MONOCHROME DISPLAY STATION	24.00	25.44
28.	3191-A10		
	122 KEY MONOCHROME DISPLAY STATION	3.83	4.06
29.	3192-C10		
	122 KEY COLOR DISPLAY STATION	7.00	7.42
30.	3192-C20		
	122 KEY COLOR DISPLAY STATION	7.00	7.42
31.	3192-CD0		
	122 KEY COLOR DISPLAY STATION	5.25	5.57
32.	3192-CF0		
	122 KEY COLOR DISPLAY STATION	5.25	5.57
33.	3192-D10		
	122 KEY COLOR DISPLAY STATION	4.50	4.77
34.	3192-DD0		
	122 KEY COLOR DISPLAY STATION	4.25	4.51
35.	3192-GF0		
	122 KEY COLOR DISPLAY STATION	7.00	7.42
36.	3196-A10		
	122 KEY GREEN SCREEN DISPLAY STATION	3.83	4.06
37.	3196-A1Z		
	122 KEY GREEN SCREEN DISPLAY STATION	3.83	4.06
38.	3196-B10		
	122 KEY GREEN SCREEN DISPLAY STATION	3.83	4.06
39.	3196-B20		
	102 KEY GREEN SCREEN DISPLAY STATION	3.83	4.06

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
40.	3197-D10		
	122 KEY COLOR DISPLAY STATION	4.50	4.77
41.	3197-DD0		
	122 KEY COLOR DISPLAY STATION	4.50	4.77
42.	3203-005		
	SYSTEM OUTPUT PRINTER	388.04	401.12
43.	3206-110		
	3092 PROCESSOR CONTROLLER DISPLAY STATION	8.08	8.56
44.	3262-C01		
	LINE PRINTER	118.64	118.64
45.	3268-002		
	SYSTEM PRINTER	44.93	44.93
46.	3268-C02		
	SYSTEM PRINTER	60.65	60.65
47.	3271-002		
	REMOTE CONTROL UNIT	36.00	38.16
48.	3274-A41		
	CONTROL UNIT	31.00	32.86
49.	3274-C01		
	CONTROL UNIT	30.00	31.80
50.	3274-C41		
	CONTROL UNIT	22.00	23.32
51.	3274-C51		
	CONTROL UNIT	20.00	21.20
52.	3274-C61		
	CONTROL UNIT	14.00	14.84

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
53.	3274-D41		
	CONTROL UNIT	31.50	33.39
54.	3275-002		
	CRT DISPLAY STATION	29.35	29.35
55.	3276-002		
	CONTROL UNIT DISPLAY STATION	20.80	20.80
56.	3277-002		
	3271/72/74 MONOCHROME DISPLAY STATION	14.60	14.60
57.	3278-002		
	3274/76 MONOCHROME DISPLAY STATION	5.75	6.10
58.	3278-005		
	3274/76 MONOCHROME DISPLAY STATION	7.00	7.42
59.	3278-A02		
	3274/76 MONOCHROME DISPLAY STATION	10.75	11.40
60.	3279-B03		
	3274/76, 4321/31 COLOR DISPLAY STATION	14.50	15.37
61.	3287-001		
	SYSTEM OUTPUT PRINTER	24.14	24.14
62.	3287-002		
	SYSTEM OUTPUT PRINTER	30.32	30.32
63.	3290-220		
	3274 PLASMA PANEL DISPLAY STATION	15.50	16.43
64.	3290-230		
	3274 PLASMA PANEL DISPLAY STATION	15.50	16.43
65.	3299-001		
	TERMINAL MULTIPLEXER	1.25	1.33

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
66.	3299-002		
	TERMINAL MULTIPLEXER	1.25	1.33
67.	3370-A02		
	DIRECT ACCESS STORAGE DEVICE	135.88	147.89
68.	3370-A11		
	DIRECT ACCESS STORAGE DEVICE	175.29	203.82
69.	3370-A12		
	DIRECT ACCESS STORAGE DEVICE	139.96	162.74
70.	3370-B01		
	DIRECT ACCESS STORAGE DEVICE	129.77	150.89
71.	3370-B02		
	DIRECT ACCESS STORAGE DEVICE	101.91	118.50
72.	3370-B11		
	DIRECT ACCESS STORAGE DEVICE	129.77	150.89
73.	3370-B12		
	DIRECT ACCESS STORAGE DEVICE	105.99	123.24
74.	3380-AD4		
	DIRECT ACCESS STORAGE DEVICE	211.97	226.76
75.	3380-AE4		
	DIRECT ACCESS STORAGE DEVICE	211.97	226.76
76.	3380-AK4		
	DIRECT ACCESS STORAGE DEVICE	203.82	218.04
77.	3380-B04		
	DIRECT ACCESS STORAGE DEVICE	198.38	212.23
78.	3380-BD4		
	DIRECT ACCESS STORAGE DEVICE	154.22	164.98

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
79.	3380-BE4		
	DIRECT ACCESS STORAGE DEVICE	154.22	164.98
80.	3380-BK4		
	DIRECT ACCESS STORAGE DEVICE	141.23	141.23
81.	3380-CJ2		
	DIRECT ACCESS STORAGE DEVICE	181.40	194.06
82.	3390-A28		
	DIRECT ACCESS STORAGE DEVICE	214.01	228.94
83.	3390-A34		
	DIRECT ACCESS STORAGE DEVICE	118.90	127.19
84.	3390-B2C		
	DIRECT ACCESS STORAGE DEVICE	292.14	312.52
85.	3420-003		
	MAGNETIC TAPE UNIT	183.44	196.24
86.	3420-004		
	MAGNETIC TAPE UNIT	183.44	196.24
87.	3420-008		
	MAGNETIC TAPE UNIT	297.58	318.34
88.	3422-A01		
	MAGNETIC TAPE SUBSYSTEM	316.60	338.69
89.	3422-B01		
	MAGNETIC TAPE SUBSYSTEM	129.77	138.82
89.	3430-A01		
	MAGNETIC TAPE SUBSYSTEM	180.04	192.60
91.	3471-EG3		
	INFOWINDOW DISPLAY	4.25	4.51

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
92.	3472-FC1		
	INFOWINDOW WORKSTATION	4.75	5.04
93.	3472-FC3		
	INFOWINDOW WORKSTATION	4.75	5.04
94.	3476-EA3		
	INFOWINDOW AMBER DISPLAY WORKSTATION	4.25	4.51
95.	3476-EG3		
	INFOWINDOW AMBER DISPLAY WORKSTATION	4.25	4.51
96.	3477-FC3		
	INFOWINDOW WORKSTATION	4.75	5.04
97.	3477-FCZ		
	INFOWINDOW WORKSTATION	4.25	4.51
98.	3477-FD3		
	INFOWINDOW WORKSTATION	5.77	6.12
99.	3477-FG3		
	INFOWINDOW WORKSTATION	4.25	4.51
100.	3477-FGZ		
	INFOWINDOW WORKSTATION	4.06	4.30
101.	3480-A22		
	MAGNETIC TAPE SUBSYSTEM	304.37	325.61
102.	3480-B22		
	MAGNETIC TAPE SUBSYSTEM	189.55	202.78
103.	3482-HC3		
	INFOWINDOW II DISPLAY STATION	5.25	5.57
104.	3486-BG1		
	INFOWINDOW II DISPLAY STATION - GREEN SCREEN	4.50	4.77

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
105.	3487-HC1		
	INFOWINDOW II DISPLAY STATION - COLOR DISPLAY	5.25	5.57
106.	3487-HC3		
	INFOWINDOW II DISPLAY STATION - COLOR DISPLAY	5.25	5.57
107.	3490-A02		
	MAGNETIC TAPE SUBSYSTEM	447.05	478.23
108.	3490-B04		
	MAGNETIC TAPE SUBSYSTEM	553.71	592.34
109.	3490-C11		
	MAGNETIC TAPE SUBSYSTEM	175.29	187.51
110.	3708-001		
	NETWORK CONVERSION UNIT	19.31	20.47
111.	3725-001		
	COMMUNICATIONS CONTROL UNIT	138.53	138.53
112.	3726-001		
	COMMUNICATION CONTROLLER EXPANSION	23.87	25.53
113.	3727-700		
	3725 COMMUNICATIONS CONTROL UNIT CONSOLE	17.86	19.11
114.	3745-170		
	COMMUNICATIONS CONTROLLER	149.47	159.90
115.	3745-210		
	COMMUNICATIONS CONTROLLER	238.19	254.80
116.	3745-21A		
	COMMUNICATIONS CONTROLLER	238.19	254.80
117.	3746-900		
	3745 COMMUNICATIONS CONTROLLER EXPANSION UNIT	141.88	151.78

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
118.	746-A11		
	3745 COMMUNICATIONS CONTROLLER EXPANSION UNIT	3.17	3.39
119.	3746-L13		
	3745 COMMUNICATIONS CONTROLLER EXPANSION UNIT	3.17	3.39
120.	3803-002		
	TAPE CONTROL UNIT	158.24	169.28
121.	3814-A04		
	SWITCHING MANAGEMENT SYSTEM	159.66	170.80
122.	3816-01S		
	PAGE PRINTER LASER PRINTER	108.10	108.10
123.	3864-001		
	4800 BPS MODEM	7.75	8.22
124.	3864-002		
	4800 BPS MODEM	8.00	8.48
125.	3880-001		
	STORAGE CONTROLLERS	122.97	131.55
126.	3880-003		
	STORAGE CONTROLLERS	122.97	131.55
127.	3880-J23		
	STORAGE CONTROLLERS	524.50	561.09
128.	3912-NS1		
	MID-RANGE PAGE PRINTER	27.77	28.70
129.	3979-001		
	EXPANSION UNIT	1.05	1.11
130.	3990-006		
	STORAGE CONTROL, 4 PATH, 32MB	367.61	393.25

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
131.	3990-G03		
	STORAGE CONTROL, 4 PATH, 32MB	546.06	584.15
132.	4028-AS1		
	10-PPM, 5250 LASER PRINTER	25.00	26.50
133.	4029-010		
	5-PPM LASER PRINTER	14.00	14.84
134.	4029-020		
	6-PPM LASER PRINTER	16.00	16.96
135.	4029-040		
	10-PPM LASER PRINTER	19.00	20.14
136.	4029-042		
	10-PPM LASER PRINTER	19.00	20.14
137.	4039-12L		
	LEXMARK LASER PRINTER 10PLUS	19.00	20.14
138.	4055-001		
	INFOWINDOW TOUCH SCREEN DISPLAY	24.00	25.44
139.	4201-001		
	PROPRINTER *	2.84	3.01
140.	4201-002		
	PROPRINTER II *	3.33	3.53
141.	4201-003		
	PROPRINTER III *	3.33	3.53
142.	4202-001		
	PROPRINTER XL *	7.26	7.70
143.	4202-002		
	PROPRINTER II XL *	4.31	4.57

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
144.	4202-003		
	PROPRINTER III XL *	4.31	4.57
145.	4210-001		
	SERIAL DOT MATRIX PRINTER FOR AS/400, S/36,	15.33	15.33
146.	4224-101		
	SERIAL DOT MATRIX, BI-DIRECTIONAL PRINTER	19.09	19.09
147.	4224-1E3		
	SERIAL DOT MATRIX, BI-DIRECTIONAL PRINTER	35.29	35.29
148.	4224-201		
	SERIAL DOT MATRIX, BI-DIRECTIONAL PRINTER	19.09	19.09
149.	4224-202		
	SERIAL DOT MATRIX, BI-DIRECTIONAL PRINTER	26.62	26.62
150.	4224-2E2		
	SERIAL DOT MATRIX, BI-DIRECTIONAL PRINTER	28.35	28.35
151.	4224-2E3		
	SERIAL DOT MATRIX, BI-DIRECTIONAL PRINTER	35.29	35.29
152.	4226-302		
	HEAVY DUTY, UNATTENDED, SERIAL DOT MATRIX PRT	21.25	22.53
153.	4230-201		
	HEAVY DUTY, WORKSTATION SERIAL DOT MATRIX PRT	20.83	21.53
154.	4230-202		
	HEAVY DUTY, WORKSTATION SERIAL DOT MATRIX PRT	24.30	25.12
155.	4230-4I3		
	HEAVY DUTY, WORKSTATION SERIAL DOT MATRIX PRT	24.30	25.12
156.	4230-4S3		
	HEAVY DUTY, WORKSTATION SERIAL DOT MATRIX PRT	24.30	25.12

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
157.	4230-5I3		
	HEAVY DUTY, WORKSTATION SERIAL DOT MATRIX PRT	24.30	25.12
158.	4230-5S3		
	HEAVY DUTY, WORKSTATION SERIAL DOT MATRIX PRT	24.30	25.12
159.	4234-001		
	DOT BAND PRINTER	59.59	59.59
160.	4234-002		
	DOT BAND PRINTER	59.59	59.59
161.	4234-00Z		
	DOT BAND PRINTER	54.96	54.96
162.	4234-011		
	DOT BAND PRINTER	82.15	82.15
163.	4234-01Z		
	DOT BAND PRINTER	76.36	76.36
164.	4245-012		
	LINE PRINTER	238.52	238.52
165.	4248-202		
	IMPACT LINE PRINTER	633.68	633.68
166.	5210-G02		
	BI-DIRECTIONAL IMPACT PRINTER	45.63	45.63
167.	5218-A01		
	DISPLAYWRITER PRINTER	22.00	23.32
168.	5218-A02		
	DISPLAYWRITER PRINTER	26.92	26.92
169.	5219-D02		
	BI-DIRECTIONAL IMPACT PRINTER	35.90	35.90

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
170.	5224-001		
	DOT MATRIX, BI-DIRECTIONAL PRINTER	33.64	34.78
171.	5224-002		
	DOT MATRIX, BI-DIRECTIONAL PRINTER	38.98	40.30
172.	5225-002		
	IMPACT MATRIX LINE PRINTER	134.79	139.33
173.	5251-011		
	DISPLAY STATION	10.50	11.13
174.	5251-012		
	DISPLAY STATION	30.00	31.80
175.	5256-003		
	BI-DIRECTIONAL IMPACT LINE PRINTER	35.78	38.27
176.	5291-001		
	DISPLAY STATION	10.00	10.60
177.	5294-001		
	REMOTE CONTROL UNIT	13.00	13.78
178.	5360-C2K		
	S/36 SYSTEM UNIT	123.55	123.55
179.	5360-D2A		
	S/36 SYSTEM UNIT	141.53	141.53
180.	5362-1E3		
	S/36 SYSTEM UNIT	59.01	59.01
181.	5394-01A		
	REMOTE CONTROL UNIT	16.36	16.36
182.	5394-01B		
	REMOTE CONTROL UNIT	16.36	16.36

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
183.	5812-010		
	LIMITED DISTANCE MODEM	7.29	7.73
184.	5853-001		
	1200/2400 BPS MODEM	3.00	3.18
185.	5853-00Z		
	1200/2400 BPS MODEM	3.00	3.18
186.	5865-001		
	9600 BPS MODEM	10.00	10.60
187.	6091-019		
	HIGH RESOLUTION COLOR DISPLAY	19.47	20.64
188.	6091-19I		
	HIGH RESOLUTION COLOR DISPLAY	20.80	22.05
189.	6157-001		
	EXTERNAL STREAMING TAPE DRIVE	13.94	14.78
190.	6180-002		
	COLOR PLOTTER	6.00	6.36
191.	6187-002		
	COLOR PLOTTER	34.00	36.04
192.	6252-T1Z		
	IMPACTWRITER PRINTER	92.56	95.68
193.	6262-014		
	IMPACT LINE PRINTER	224.28	231.84
194.	6262-D12		
	IMPACT LINE PRINTER	175.86	181.79
195.	6262-T14		
	IMPACT LINE PRINTER	224.28	231.84

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
196.	6366-001		
	AS/400 CATRIDGE TAPE DRIVE 1/4 INCH 100MB	0.00	0.00
197.	6380-001		
	AS/400 CATRIDGE TAPE DRIVE 1/4 INCH 2.5GB	0.00	0.00
198.	6408-CT0		
	LINE MATRIX PRINTER	71.16	73.55
199.	6408-CTA		
	LINE MATRIX PRINTER	71.16	73.55
200.	6580-A01		
	DISPLAYWRITER SYSTEM UNIT	24.65	26.13
201.	6580-A03		
	DISPLAYWRITER SYSTEM UNIT	28.48	30.19
202.	6580-A04		
	DISPLAYWRITER SYSTEM UNIT	30.43	32.26
203.	6580-A06		
	DISPLAYWRITER SYSTEM UNIT	34.99	37.09
204.	6611-140		
	NETWORK PROCESSOR	41.26	43.74
205.	6611-170		
	NETWORK PROCESSOR	62.79	66.56
206.	6901-001		
	PERSONAL TYPING SYSTEM	14.50	15.37
207.	6901-003		
	PERSONAL TYPING SYSTEM	15.72	16.66
208.	6902-001		
	PERSONAL TYPING SYSTEM WHEELPRINTER CORRECT	7.92	8.40

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
209.	908-001		
	PERSONAL TYPING SYSTEM/2-286	12.18	12.91
210.	7012-320		
	RISC SYSTEM/6000	49.92	57.41
211.	7012-32H		
	RISC SYSTEM/6000 POWERSTATION/POWERSERVER	75.52	86.85
212.	7012-370		
	RISC/6000 POWERSTATION/POWERSERVER	88.96	102.30
213.	7013-570		
	RISC/6000 POWERSTATION/POWERSERVER	156.80	180.32
214.	7013-580		
	RISC/6000 POWERSTATION/POWERSERVER	252.80	290.72
215.	7203-001		
	RISC SYSTEM/6000 EXTERNAL PORTABLE DISK DRV	24.32	27.97
216.	7207-001		
	RISC SYSTEM 6000 EXTERNAL CARTRIDGE TAPE DRV	10.24	10.49
217.	7207-012		
	RISC/6000 EXTERNAL CARTRIDGE TAPE DRIVE	10.24	11.78
218.	7208-001		
	EXTERNAL 8MM TAPE DRIVE	44.80	51.52
219.	7208-002		
	EXTERNAL 8MM TAPE DRIVE	62.72	72.13
220.	7208-011		
	EXTERNAL 8MM TAPE DRIVE	44.80	51.52
221.	7210-001		
	EXTERNAL CD-ROM	15.00	15.90

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
222.	7210-005		
	EXTERNAL CD-ROM DRIVE	12.38	13.12
223.	7372-001		
	6 PEN COLOR PLOTTER	14.50	15.37
224.	7695-255		
	DATA ENTRY DEVICE	2.80	2.97
225.	7855-010		
	V.32 MODEM	4.56	4.83
226.	7861-015		
	STAND-ALONE NETWORK MANAGEMENT MODEM	2.63	2.79
227.	7861-016		
	STAND-ALONE NETWORK MANAGEMENT MODEM	2.63	2.79
228.	7861-025		
	STAND-ALONE NETWORK MANAGEMENT MODEM	3.15	3.34
229.	7861-026		
	STAND-ALONE NETWORK MANAGEMENT MODEM	3.15	3.34
230.	8228-001		
	MULTI-STATION ACCESS UNIT	5.50	5.83
231.	8250-006		
	MULTIPROTOCOL INTELLIGENT HUB	45.93	52.82
232.	8250-017		
	MULTIPROTOCOL INTELLIGENT HUB	92.41	106.27
233.	8809-C01		
	MAGNETIC TAPE UNIT	51.08	54.65
234.	9121-621		
	ES/9000 PROCESSOR	5,363.82	5,738.04

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
235.	9221-120		
	ES/9000 PROCESSOR	278.64	298.08
236.	9309-002		
	RACK ENCLOSURE	2.75	2.94
237.	9331-001		
	AS/400 I/O DISKETTE UNIT	13.53	14.47
238.	9332-220		
	DIRECT ACCESS STORAGE DEVICE	11.37	11.37
239.	9332-400		
	DIRECT ACCESS STORAGE DEVICE	20.47	20.47
240.	9332-600		
	DIRECT ACCESS STORAGE DEVICE	42.46	42.46
241.	9335-A01		
	DIRECT ACCESS STORAGE SUBSYSTEM	18.20	18.20
242.	9335-B01		
	DIRECT ACCESS STORAGE SUBSYSTEM	50.80	50.80
243.	9336-010		
	DISK UNIT	92.88	99.36
244.	9337-020		
	DISK ARRAY SUBSYSTEM	130.72	139.84
245.	9337-120		
	DISK ARRAY SUBSYSTEM	130.72	139.84
246.	9337-440		
	DISK ARRAY SUBSYSTEM	165.12	176.64
247.	9346-001		
	1/4 INCH CARTRIDGE TAPE UNIT	27.75	29.69

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
248.	9347-001		
	MAGNETIC TAPE DRIVE	78.72	84.21
249.	9348-001		
	MAGNETIC TAPE UNIT	113.52	121.44
250.	9348-002		
	MAGNETIC TAPE UNIT	113.52	121.44
251.	9391-A10		
	RAMAC ARRAY DIRECT ACCESS STORAGE DEVICE	37.37	39.97
252.	9392-B13		
	RAMAC ARRAY DIRECT ACCESS STORAGE DEVICE	33.97	36.34
253.	9402-200		
	AS/400 SYSTEM UNIT	58.48	62.56
254.	9404-D20		
	AS/400 SYSTEM UNIT	138.98	148.67
255.	9404-D25		
	AS/400 SYSTEM UNIT	198.14	211.97
256.	9404-T20		
	AS/400 SYSTEM UNIT	138.98	148.67
257.	9406-300		
	AS/400 SYSTEM UNIT	154.28	165.05
258.	9406-B35		
	AS/400 SYSTEM UNIT	150.26	160.74
259.	9406-D35		
	AS/400 SYSTEM UNIT	218.01	233.22
260.	9406-D45		
	AS/400 SYSTEM UNIT	268.32	287.04

ITEM NO.	MACHINE TYPE & MODEL DESCRIPTION	BASE PERIOD MONTHLY PRICE (\$)	24X7 MONTHLY PRICE (\$)
261.	9406-E35		
	AS/400 SYSTEM UNIT	218.01	233.22
262.	9406-F50		
	AS/400 SYSTEM UNIT	436.02	466.44
263.	9406-P35		
	AS/400 SYSTEM UNIT	150.26	160.74
264.	9672-R21		
	SYSTEM/390 PARALLEL ENTERPRISE SERVER	727.95	778.73
265.	OUT-OF-SCOPE MAINTENANCE HOURLY CHARGE	195.00	

*** NOTE:** IBM Proprinter models listed herein shall be eligible for maintenance services under this price list only when they are connected to a 3270 Display Station compatible device(s). Proprinter models connected to any personal computer or related device with 3270 emulation card are excluded from this price list.